

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("20070207351").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/16 15:42
S3	2	("20030219371").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/16 15:43
S5	6	("20020028171"   "2601221"   "5252308"   "5976723"   "5985224"). PN. OR ("7140187"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/26 14:17
S4	2	("7,140,187").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/08/26 14:17
S6	13	((("3352716") or ("3403975") or ("3505027"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/08/26 14:28
S7	5	((("5139756") or ("5055282") or ("4704267") or ("2601221"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/26 14:30
S8	36	amminex	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/26 14:33
S9	2	ep-1728290-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/26 14:36

S10	2	("20010042378").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/08/26 14:51
S11	2	("6430943").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/08/26 14:52
S12	5	("4944159"   "5396775"   "5666819"   "6244056"). PN. OR ("6430943"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/26 14:53
S13	52	("1877536"   "1881568"   "2138685"   "2326130"   "2338712"   "2384460"   "2496459"   "2624182"   "4312640"   "4312641"   "4399341"   "4571473"   "4581049"   "4742868"   "4884626"   "4889965"   "4928207"   "4944159"   "4976117"   "5021620"   "5025635"   "5027607"   "5088302"   "5161389"   "5165247"   "5179259"   "5216327"   "5220804"   "5222543"   "5223809"   "5227598"   "5271239"   "5274347"   "5291942"   "5300901"   "5333471"   "5384101"   "5442931"   "5490398"   "5522452"   "5664427"   "5855121"). PN. OR ("6244056"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/26 14:56
S14	72024	ammonia same (fuel with cell power energy electric \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/26 16:18
S15	1472	ammonia with (fuel with cell)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/26 16:19

S16	249	goetsch.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/27 13:27
S17	5	S16 and ammonia and fuel with cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/27 13:28
S18	7	((("20010031236") or ("20030232224") or ("2601221") or ("3352716") or ("5976723"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/27 13:33
S19	5	schmit.in. and ammonia and fuel with cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/27 13:43
S20	8	((("20030219371") or ("4848994") or ("20010053342") or ("20010042378"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/08/27 14:54
S21	2	wo-9901205-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/01 10:13
S22	2	("6387336").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/01 10:14
S23	763	((magnesium with ammonia) or (Mg near3 "NH.sub.3") or (Mg near3 NH3)) and fuel with cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/01 10:19
S24	39	(magnesium Mg) near3 ("NH.sub.3" ammonia NH3) near3 (chloride Cl) and fuel with cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/01 10:21

S25	322	("NH.sub.3" ammonia NH3) near5 solid and fuel with cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/01 10:25
S26	2576	("NH.sub.3" ammonia NH3) near5 salt and fuel with cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/01 10:26
S27	694	("NH.sub.3" ammonia NH3) near5 metal near5 (solid salt complex) and fuel with cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/01 13:53
S29	338	("NH.sub.3" ammonia NH3) near5 (decompos\$6 dissociat\$4 break\$4 apart convert\$4) same (nitrogen N2 "N.sub.2") same (H2 "H.sub.2" hydrogen) and fuel with cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/01 14:07
S28	496	("NH.sub.3" ammonia NH3) near5 (decompos\$6 dissociat\$4 break\$4 apart convert\$4) same hydrogen and fuel with cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/01 14:07
S30	326	S29 not S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/01 14:08
S32	288	("NH.sub.3" ammonia NH3) near5 (decompos\$6 dissociat\$4 break\$4 apart convert\$4) with (nitrogen N2 "N.sub.2") same (H2 "H.sub.2" hydrogen) and fuel with cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/01 14:13
S31	254	("NH.sub.3" ammonia NH3) near5 (releas\$4 desor\$6) and fuel with cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/01 14:13

S34	112	("NH.sub.3" ammonia NH3) near5 (decompos\$6 dissociat\$4 break\$4 apart convert\$4) same (releas\$4 desor\$6) and fuel with cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/01 14:14
S33	501	S31 or S32 not S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/01 14:14
S35	11	("NH.sub.3" ammonia NH3) near5 metal near5 (solid salt complex) and ("NH.sub.3" ammonia NH3) near5 (decompos\$6 dissociat\$4 break\$4 apart convert\$4) same (releas\$4 desor\$6) and fuel with cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/01 14:16
S36	22	("NH.sub.3" ammonia NH3) near5 metal near5 (solid salt complex) and ("NH.sub.3" ammonia NH3) near5 (releas\$4 desor\$6) and fuel with cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/01 14:19
S38	32	transition with metal with nanoparticle and (heterogeneous with catalyst) and support\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/07 17:27
S37	34	transition with metal with nanoparticle and (heterogeneous with catalyst)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/07 17:27
S39	18	transition with metal with nanoparticle and (heterogeneous with catalyst) and support\$4 and ammonia	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/07 17:29
S40	23	transition with metal with nanoparticle and (heterogeneous near2 catalyst) and support\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/07 17:33

S41	288	transition with metal with nanoparticle and catalyst and support\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/07 17:34
S42	15	transition with metal with catalyst with heterogeneous and nanoparticle with catalyst and support\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/07 17:35
S43	2	("20030104936").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/07 17:41
S44	18	("2003/0104936").URPN.	USPAT	OR	ON	2010/09/07 17:44
L8	11	l7 and (crystal powder micro)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/08 12:55
L7	24	(US-20070207351-\$ or US-20030219371-\$ or US-20020028171-\$ or US-20010042378-\$ or US-20050037244-\$ or US-20010053342-\$ or US-20050232858-\$ or US-20070101825-\$ or US-20030091878-\$ or US-20040253492-\$ or US-20030104936-\$).did. or (US-6430943-\$ or US-4944159-\$ or US-6244056-\$ or US-6387336-\$ or US-4231891-\$ or US-7264788-\$ or US-7708800-\$ or US-7090891-\$ or US-7157166-\$).did. or (US-3352716-\$ or US-3623913-\$).did. or (US-20090114545-\$ or US-4848994-\$).did.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/09/08 12:55
L9	53	("NH.sub.3" ammonia NH3) same (transition with metal metal) same (micro\$5 near2 crystal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/08 13:04

L10	36	adsorbent same (micro\$5 near2 crystal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/08 13:07
L11	2	("6532762").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/08 13:41
L12	2	("20020166335").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/08 13:43
L13	3	("4188520").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/08 14:15
L14	6	("3423574").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/08 15:04
L15	30	("2484829"   "2663921"   "3357798"   "3702886"   "3777006"   "4073867"   "4375458"   "4385195"   "4440871"   "4557917"   "4610855"   "4619818"   "4623527"   "4632811"   "4647442"   "4650656"   "4654138"   "4673559"   "4695642"   "4713227"   "4778780"   "4832927"   "4880611"   "4891197"   "4898722").PN. OR ("5093095").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/08 15:12
L16	2	("6074972").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/08 15:23

L18	6	117 and micro\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/08 15:30
L17	11	("5100596"   "5120694"   "5258339"   "5362522"   "5429743"   "5456093"). PN. OR ("6074972"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/08 15:30
L19	2	("20050175577").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/08 16:08
L20	1	("2005/0175577").URPN.	USPAT	OR	ON	2010/09/08 16:09
L23	108	(metal with salt) same (sorbent adsorb\$4 adsorption absorb\$4 absorption) and (metal with salt) same (crystal crystallite crystalline microcrystal\$4) and (metal with salt) same (micron micrometer micro)	USPAT	OR	ON	2010/09/08 16:27
L22	276	(metal with salt) same (sorbent adsorb\$4 adsorption absorb\$4 absorption) and (crystal crystallite crystalline microcrystal\$4) and (metal with salt) same (micron micrometer micro)	USPAT	OR	ON	2010/09/08 16:27
L21	2132	(metal with salt) same (sorbent adsorb\$4 adsorption absorb\$4 absorption) and (crystal crystallite crystalline microcrystal\$4) and (micron micrometer micro)	USPAT	OR	ON	2010/09/08 16:27
L24	6	(metal with salt) same (sorbent adsorb\$4 adsorption absorb\$4 absorption).ab. and (metal with salt) same (crystal crystallite crystalline microcrystal\$4) and (metal with salt) same (micron micrometer micro)	USPAT	OR	ON	2010/09/08 16:29

**EAST Search History (Interference)**



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